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Remarks

Claims 37-45 are presented for consideration in this application. Claims 37-45 were canceled from parent application No. 09/444,487. Claims 37-45 were present in this application as originally filed. The present amendments to claims 37-44 are not made for patentability. They are presented merely to correct minor clerical and grammatical errors in the claims as originally presented. It is not believed that the scope of the claims as originally presented has been changed by the amendments presented herein.

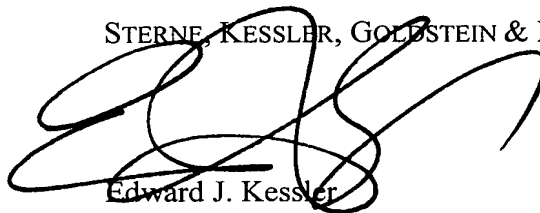
Conclusion

Applicants respectfully submit that the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment is respectfully requested.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES

37. (Amended) A permanent magnet turbogenerator/motor restarting system, comprising:

means for determining that the permanent magnet turbogenerator/motor has a fatal fault present and is in the process of shutting down;

means for determining that the permanent magnet turbogenerator/motor has more than a fixed number of restart attempts since the permanent magnet turbogenerator/motor was determined to have a fatal fault; and

means [to continue] for continuing shutdown of the permanent magnet turbogenerator/motor.

38. (Amended) A permanent magnet turbogenerator/motor restarting system, comprising:

means for determining that the permanent magnet turbogenerator/motor has a fatal fault present and is in the process of shutting down;

means for determining that the permanent magnet turbogenerator/motor has less than a fixed number of restart attempts since the permanent magnet turbogenerator/motor was determined to have a fatal fault;

means for determining that the permanent magnet turbogenerator/motor is in a recharge state where an internal energy storage device is being recharged as part of the shutdown process;

means for determining that a fixed period of time has elapsed since any previous attempt to restart the permanent magnet turbogenerator/motor;

means [to] for attempting to clear the fault present in the permanent magnet turbogenerator/motor;

means [to] for issuing [issue] a restart command to the permanent magnet turbogenerator/motor if the fatal fault is successfully cleared; and

means [to] for continuing [continue] normal operation of the permanent magnet turbogenerator/motor.

39. (Amended) A permanent magnet turbogenerator/motor restarting system, comprising:

means for determining that the permanent magnet turbogenerator/motor has a fatal fault present and is in the process of shutting down;:

means for determining that the permanent magnet turbogenerator/motor has less than a fixed number of restart attempts since the permanent magnet turbogenerator/motor was determined to have a fatal fault;

means for determining that the permanent magnet turbogenerator/motor is in a cooldown state where the turbogenerator/motor is being rotated when combustion has ceased to lower the internal temperature as part of the shutdown process and that the internal temperature is below a cooldown restart temperature;

means for determining that a fixed period of time has elapsed since any previous attempt to restart the permanent magnet turbogenerator/motor;

means [to] for attempting to clear the fault present in the permanent magnet
turbogenerator/motor;

means [to issue] for issuing a restart command to the permanent magnet
turbogenerator/motor if the fatal fault is successfully cleared; and

means [to continue] for continuing normal operation of the permanent magnet
turbogenerator/motor.

40. (Amended) A permanent magnet turbogenerator/motor restarting system,
comprising:

means for determining that the permanent magnet turbogenerator/motor has a
fatal fault present and is in the process of shutting down;

means for determining that the permanent magnet turbogenerator/motor has less
than a fixed number of restart attempts since the permanent magnet turbogenerator/motor
was determined to have a fatal fault;

means for determining that the permanent magnet turbogenerator/motor is in a
fault state;

means for determining that a fixed period of time has elapsed since any previous
attempt to restart the permanent magnet turbogenerator/motor;

means [to] for attempting to clear the fault present in the permanent magnet
turbogenerator/motor;

means [to issue] for issuing a restart command to the permanent magnet
turbogenerator/motor if the fatal fault is successfully cleared; and

means [to continue] for continuing normal operation of the permanent magnet turbogenerator/motor.

41. (Amended) A permanent magnet turbogenerator/motor restarting system, comprising:

means for determining that the permanent magnet turbogenerator/motor has a fatal fault present and is in the process of shutting down;

means for determining that the permanent magnet: turbogenerator/motor has less than a fixed number of restart attempts since the permanent magnet turbogenerator/motor was determined to have a fatal fault;

means for determining that the permanent magnet turbogenerator/motor is in a standby state;

means [to issue] for issuing a restart command to the permanent magnet turbogenerator/motor; and

means [to continue] for continuing normal operation of the permanent magnet turbogenerator/motor.

42. (Amended) A permanent magnet turbogenerator/motor restarting system, comprising:

means for determining that the permanent magnet turbogenerator/motor has a fatal fault present and is in the process of shutting down;

means for determining that the permanent magnet turbogenerator/motor has less than a fixed number of restart attempts since the permanent magnet turbogenerator/motor was determined to have a fatal fault;

means for determining that the permanent magnet turbogenerator/motor is in a recharge state where an internal energy storage device is being recharged as part of the shutdown process;

means for determining that a fixed period of time has not elapsed since any previous attempt to restart the permanent magnet turbogenerator/motor; and

means [to continue] for continuing shutdown of the permanent magnet turbogenerator/motor.

43. (Amended) A permanent magnet turbogenerator/motor restarting system, comprising:

means for determining that the permanent magnet turbogenerator/motor has a fatal fault present and is in the process of shutting down;

means for determining that the permanent magnet turbogenerator/motor has less than a fixed number of restart attempts since the permanent magnet turbogenerator/motor was determined to have a fatal fault;

means for determining that the permanent magnet turbogenerator/motor is in a cooldown state where the turbogenerator/motor is being rotated when combustion has ceased to lower the internal temperature as part of the shutdown process and that the internal temperature is below a cooldown restart temperature;

means for determining that a fixed period of time has elapsed since any previous attempt to restart the permanent magnet turbogenerator/motor;

means [to] for attempting to clear the fault present in the permanent magnet turbogenerator/motor; and

means [to continue] for continuing shutdown of the permanent magnet turbogenerator/motor when the fault is not cleared.

44. (Amended) A permanent magnet turbogenerator/motor restarting system, comprising:

means for determining that the permanent magnet turbogenerator/motor has a fatal fault present and is in the process of shutting down.

means for determining that the permanent magnet turbogenerator/motor has less than a fixed number of restart attempts since the permanent magnet turbogenerator/motor was determined to have a fatal fault;

means for determining that the permanent magnet turbogenerator/motor is in a fault state;

means for determining that a fixed period of time has elapsed since any previous attempt to restart the permanent magnet turbogenerator/motor;

means [to] for attempting to clear the fault present in the permanent magnet turbogenerator/motor; and

means [to continue] for continuing shutdown of the permanent magnet turbogenerator/motor when the fault is not cleared.